

08/27/2009

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-9. (canceled).

10. (currently amended) Ultralow carbon cold-rolled annealed steel sheet excellent in surface conditions, formability and workability comprised of, by mass%, $0.0003\% \leq C \leq 0.003\%$, $Si \leq 0.01\%$, $Mn \leq 0.1\%$, $P \leq 0.02\%$, $0.005\% \leq S \leq 0.01\%$, $0.0005\% \leq N \leq 0.0025\%$, $0.001\% \leq \text{acid soluble Al} \leq 0.003\%$, $0.015\% \leq \text{acid soluble Ti} \leq 0.07\%$, and $0.002\% \leq La + Ce + Nd \leq 0.02\%$, and a balance of Fe and unavoidable impurities,

said ~~east slab~~ ultralow carbon cold-rolled annealed steel sheet characterized by containing complex oxides of at least La oxides, Ce oxides and Nd oxides with Ti oxides and at least cerium oxysulfite, lanthanum oxysulfite, and neodymium oxysulfite as oxysulfite to fix the solute S, with observed inclusions in a cross-section perpendicular to the rolling direction examined by a secondary electron image of a scan type electron microscope, and with the composition of about 50 randomly selected inclusions analyzed, and further containing $Ti_4C_2S_2$, wherein the cold-rolled steel sheet has a recrystallized grain diameter of $15\mu m$ or more, r-value of 2.0 or more and total elongation of 50% or more after one step cold rolling and one step annealing.

11. (currently amended) Ultralow carbon ~~east slab or hot and~~ cold-rolled annealed steel sheet excellent in surface conditions, formability and workability according to ~~one of claims 1 to 3~~ claim 10, wherein the ~~east slab or hot and~~ cold-rolled steel sheet further contains no added B, ~~by mass%, $0.0004\% \leq Nb \leq 0.05$~~ .

12. (canceled).